

Results based on 70 survey(s).

*Note: Survey responses are based upon the number of individuals that responded to the specific question.*

**1 What is your primary job assignment this year?**

Response	# of Responses	% of Responses	National %
CIO/CTO	6	9%	4%
Director of Educational or Instructional Technology	5	7%	6%
IT Director	8	12%	9%
Technology Coordinator	8	12%	20%
Instructional Technology Coach/Specialist	18	26%	32%
Tech support	20	29%	18%
Other	4	6%	10%

**2 Where do you primarily work?**

Response	# of Responses	% of Responses	National %
School Site	35	52%	58%
District Office	32	48%	42%

**3 How would you rate your technology skills?**

Response	# of Responses	% of Responses	National %
Advanced - My skills are more advanced than most adults I know	57	84%	89%
Average - My skills are similar to those of the adults I know	9	13%	10%
Beginner - I'm just learning to use technology tools	2	3%	1%

**4 Which of these currently popular approaches to digital learning have you implemented at your school or district with positive results? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Augmented reality or other simulated environments	16	24%	16%
Blended learning	39	59%	57%
Digital content (e.g. videos, simulations, and animations)	55	83%	84%
Digital media tools for student content creation	49	74%	75%
Digital or online textbooks	36	55%	57%
Educational games	41	62%	68%
Flipped learning	31	47%	48%
Incorporating student owned devices into instruction	18	27%	40%
Intelligent adaptive software	13	20%	16%
Mobile apps	41	62%	60%
One-to-one program (every student has a computing device)	47	71%	43%
Online assessments	51	77%	79%
Online classes for students	23	35%	36%
Online professional development for teachers	38	58%	56%
Online professional learning communities for teachers and administrators	29	44%	41%
Social media use within education	36	55%	48%
Tablets and other mobile devices	53	80%	78%
Teacher created content	46	70%	67%
Using student data to inform instruction	40	61%	67%

**5 How current is your school or district education technology plan?**

Response	# of Responses	% of Responses	National %
Updated for this school year	34	50%	36%
Updated within the past year	14	21%	23%
Updated within the past 2 years	9	13%	14%
Updated within the past 3 years	4	6%	10%
Older than 3 years	0	0%	4%
Older than 5 years	2	3%	2%
We don't have an education technology plan	2	3%	3%
Unsure	3	4%	8%

**6 Specific to the use of technology within instruction, besides funding, which of these issues are the most challenging for you and your school or district right now? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Creating a technology vision for our school/district	23	34%	30%
Protecting privacy and confidentiality of student records and information	14	21%	23%
Developing effective acceptable/responsible use plans for students and teachers	14	21%	22%
Developing mobile and social media use policies	29	43%	30%
Evaluating emerging technologies for instructional use	25	37%	43%
Differentiating between technology vendors	10	15%	13%
Discerning benefits vs. costs of BYOD/BYOT models	15	22%	21%
Determining between tablets, laptops, and Chromebooks for student use	19	28%	28%
Incorporating student owned devices into our network	12	18%	32%
Incorporating teacher or staff owned mobile devices within our network	15	22%	25%
Enterprise management of tablets	18	27%	27%
Making build vs. buy decisions on digital content and online courses	17	25%	13%
Evaluating quality of digital content or online courses	17	25%	24%
Setting up and managing online classes	11	16%	12%
Supporting blended learning environments	13	19%	23%
Supporting student and teacher access to MOOCs	4	6%	6%
Implementing a learning management system	18	27%	23%
Preparing for online assessments	18	27%	33%
Availability of technology for student use at school	18	27%	41%
Digital equity issues (student access to technology and the Internet at home)	33	49%	47%
Internet capacity and bandwidth to accommodate multi-media and digital content	14	21%	32%
Managing the district intranet (including software upgrades, virus protection, etc.)	11	16%	20%
Effectively managing the network enterprise	10	15%	17%
E-rate application submissions and rules compliance	10	15%	14%
Student safety online	19	28%	29%
Providing professional development regarding the use of productivity tools	21	31%	38%
Providing professional development regarding the use of technology for instruction	33	49%	52%
Providing technology support to teachers	28	42%	41%
Creating a longitudinal data system to evaluate teacher or student performance	11	16%	17%
Communication tools for connecting with parents	13	19%	16%

Other 6 9% 6%

**7 How much do you agree with this statement: Our budget for education technology initiatives is less this school year than 5 years ago.**

Response	# of Responses	% of Responses	National %
Strongly disagree	15	22%	24%
Somewhat disagree	8	12%	15%
Neither agree nor disagree	18	26%	25%
Somewhat agree	11	16%	14%
Strongly agree	17	25%	21%

**8 If your ed tech budget is less than desirable this year, how are you dealing with that situation? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Applying for additional eRate funds	20	31%	16%
Asking parents for donations or to pay fees	11	17%	12%
Competing for new federal grant programs	24	37%	17%
Cutting back on district technology staff	3	5%	6%
Cutting back on the scope of projects	23	36%	25%
Maintaining the status quo with current infrastructure and projects	19	30%	39%
Putting projects on hold until the budget situation improves	23	36%	31%
Repurposing other budgeted line items (e.g. textbook funds for digital textbooks)	22	34%	21%
Seeking private and corporate foundation support	10	16%	15%
Tapping into new technology solutions to decrease district costs or increase revenue	16	25%	25%
Using IDEA funds to support technology investments as allowed	6	9%	6%
Using Title 1 funds to support technology investments as allowed	17	27%	21%
Not applicable to us	12	19%	24%
Other	4	6%	5%

**9 How important is e-rate funding to your school or district?**

Response	# of Responses	% of Responses	National %
Very unimportant	9	13%	9%
Unimportant	0	0%	3%
Neither important nor unimportant	7	10%	21%
Important	15	22%	28%
Very important	36	54%	40%

**Some technology leaders say that a challenge to implementing more digital content is not having enough**

**10 Internet bandwidth speed and connectivity. How would you describe your school's or district's current Internet connectivity?**

Response	# of Responses	% of Responses	National %
We have more than enough connectivity and bandwidth to meet our needs	16	23%	22%
Our current needs are met most of the time, but we have intermittent problems with speed and access	29	42%	43%
Our current needs are met, but I am concerned about how we are going to address increased demand by teachers and students	25	36%	30%
Current connectivity does not even meet our needs today	3	4%	10%
I am not sure	4	6%	2%

	Other	0	0%	2%
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**11 If you had increased Internet bandwidth, how would your school or district use that enhanced connectivity? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Campuswide Internet access	16	25%	26%
Increased use of multi-media resources in the classroom	43	68%	69%
Increased use of streaming videos within instruction	40	63%	70%
Online access to school and student information (e.g. grades)	11	17%	16%
Improved school-home linkages	20	32%	28%
Community access to school resources	21	33%	22%
Community access to the Internet	18	29%	21%
Better utilization of online curriculum	34	54%	49%
Offer online or distance learning courses	19	30%	19%
Online Advanced Placement classes for students	12	19%	14%
Online teacher professional development	30	48%	34%
Online professional learning communities for staff and teachers	21	33%	28%
Dual enrollment courses with local colleges	13	21%	14%
More vocational or career technical education offerings	18	29%	14%
Other	2	3%	7%

**12 Some schools are implementing online courses where instruction and content is delivered primarily over the Internet. Who is your primary audience (if any) for online courses in your school (or district)? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Administrators	9	14%	16%
At-risk students in traditional school settings	26	41%	30%
Classified staff	4	6%	10%
Classroom teachers/Paraprofessionals	13	21%	29%
Librarians/Media Specialists	6	10%	16%
Traditional students	13	21%	25%
Students in continuation or alternative high schools	23	36%	29%
Students interested in advanced coursework	19	30%	36%
Students schooled at home	10	16%	17%
We are not offering any online classes at this time	15	24%	27%
Other	3	5%	3%

**13 Which of these factors do you consider most important when evaluating the quality of online courses to use in your district? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Aligned to content standards (state, national, provincial)	48	76%	70%
Aligned to iNACOL National Standards of Quality for Online Courses	10	16%	13%
Competency or mastery based curriculum and assessments	22	35%	33%
Cost	43	68%	60%
Ease of use for students and teachers	46	73%	75%
Student achievement results after taking the course	29	46%	48%
Student completion rates for the course	18	29%	30%
Students can use a variety of hardware/software platforms	21	33%	37%
Includes embedded assessments	16	25%	31%
Integrates digital content	20	32%	33%

Lack of commercial advertisements	16	25%	33%
Online course used by schools/districts similar to my own	12	19%	15%
Online course used by virtual school	3	5%	8%
Recommended by my colleagues	15	24%	19%
Recommended by professional organizations, State Department of Education or Ministry of Education	22	35%	24%
Developed by classroom teacher(s) or curriculum specialists	14	22%	24%
Developed by an organization with expertise in the field	12	19%	18%
Developed by instructional designers	4	6%	14%
Developed by online curriculum company	3	5%	4%
Other	1	2%	6%

**14 What is your school's or district's status with implementing online assessments?**

Response	# of Responses	% of Responses	National %
All of our state assessments are online already	49	79%	38%
We piloted some online assessments last school year	7	11%	35%
We will be ready to implement online assessments this school year	4	6%	24%
We are developing a plan for online assessments	1	2%	11%
We are not planning for any online assessments this school year	0	0%	3%
Unsure of our district's status	6	10%	13%

**15 What are your district's most significant challenges to implementing online assessments with your students? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Costs to implement the online tests	12	20%	19%
Costs to modernize infrastructure	24	39%	30%
Creating safeguards for the privacy of the data records	11	18%	17%
Determining efficacy of using mobile devices	16	26%	28%
Determining technology infrastructure needs	18	29%	32%
Lack of backup alternative in case of system failure	19	31%	28%
Limitations on testing windows	14	23%	28%
Limited facility space to accommodate a testing lab	21	34%	33%
Need to increase technology support staff	15	25%	29%
Need to train teachers and students	21	34%	41%
Not enough bandwidth	9	15%	22%
Not enough computers	21	34%	48%
Not enough time to implement this by the deadlines	10	16%	15%
Ability to provide adaptive or assistive technology for some students	9	15%	15%
Parents' uneasiness with online testing	7	11%	10%
Students' lack of keyboarding skills	17	28%	30%
Students' unpreparedness due to digital equity issues	14	23%	19%
How to prevent cheating	6	10%	12%
Other	4	7%	7%

**16 In preparing for implementing online assessments within your school or district, which of these products/services were purchased or licensed within the past two years specifically to address online testing needs? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Laptops	31	49%	55%
Tablets	30	48%	35%

Web-based laptops (e.g. Chromebooks)	19	30%	34%
Keyboards for tablets	5	8%	11%
Software/mobile apps to teach students keyboarding skills	11	17%	16%
Software/mobile apps to help prepare students for online test taking	11	17%	13%
Servers and network equipment	26	41%	36%
Computer lab furniture or accessories	13	21%	20%
Increased Internet bandwidth capacity	39	62%	48%
Other	2	3%	9%

- 17 Ensuring the confidentiality and appropriate use of student data collected with technology has generated much interest and attention this year. How is your district protecting students' digitally collected data? (Check all that apply)**

Response	# of Responses	% of Responses	National %
A district staff person is responsible for data privacy and security	28	43%	40%
Hardware and software are in place to protect our network	52	80%	77%
Detailed data privacy policies and procedures are in place	28	43%	45%
There are specific district policies in place regarding mobile device access to the Internet or cloud based applications	26	40%	42%
District controls the software and mobile apps that can be downloaded and used in the classroom	27	42%	41%
Encryption of all incoming digital data (e.g. via mobile device)	8	12%	11%
Regularly clean out personal student data that is no longer needed	14	22%	23%
Educate parent community about data privacy policies and procedures	13	20%	24%
Educate teachers about data privacy policies and procedures	21	32%	46%
Ensure that students receive digital citizenship training and information about protecting their personal information online	28	43%	51%
Tell our teachers and staff not to mix personal and professional accounts and applications	25	38%	46%
Understand legal obligation under FERPA, COPPA and HIPAA as well as any state or local requirements	37	57%	52%
Vendor agreements specifically state that all data collected is the property of the district	12	18%	21%
Monitor compliance of data privacy policies by our vendors	10	15%	21%
Require technology vendors to articulate how the data collected through their products will be stored and protected	12	18%	21%
Restrict the mining or repurposing of data by any vendor	15	23%	22%
Other	0	0%	3%

- 18 How important do you think it is for every student to be able to use a mobile device like a laptop, tablet, or Chromebook during the school day to support schoolwork?**

Response	# of Responses	% of Responses	National %
Very unimportant	4	6%	9%
Unimportant	0	0%	1%
Neither important nor unimportant	2	3%	4%
Important	19	30%	26%
Very important	39	61%	60%

- 19 Some districts are considering adopting a Bring Your Own Technology (BYOT) to School program, which would enable students to use their own mobile devices within instruction. What is your current policy on the use of student owned mobile devices (e.g. laptops, smartphones, tablet computers, digital readers) within class?**

Response	# of Responses	% of Responses	National %
We do not allow students to use their own mobile devices within class	17	27%	26%
Use of student owned devices is at the discretion of the building administrator	15	23%	21%
Use of student owned devices is at the discretion of the classroom teacher	24	37%	34%
We currently provide students with school owned mobile devices for use in class	21	33%	26%
We are currently evaluating a BYOT approach	19	30%	21%
We have adopted a BYOT approach as a district policy	4	6%	22%
Other	3	5%	5%

**20 Imagine that you were going to design the ideal mobile app for your school or district. What types of features or functionality should your mobile app have? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Interactive school calendar	60	92%	89%
Class schedule organizer for students	52	80%	80%
Sports schedules and scores	46	71%	56%
School information (e.g. contact information, policy book)	57	88%	85%
School newsfeed	51	78%	77%
Emergency alerts (e.g. school closures)	58	89%	90%
Notifications (e.g. upcoming meetings, due dates, or upcoming tests scheduled for students)	54	83%	79%
Student portal to access grades and assignments	56	86%	86%
Interactive forms for parents (e.g. report absences, permission slips)	48	74%	75%
Parent portal (e.g. PTA information)	48	74%	74%
School payment system	46	71%	61%
Lunch menus	47	72%	68%
Ability to communicate with students and their parents	49	75%	75%
Group messaging feature for your class(es)	35	54%	61%
Tip line for students to report concerns (e.g. bullying, cheating)	51	78%	70%
Mental health/crisis hotline	37	57%	48%
Links to school social media accounts	37	57%	51%
Study games or apps for students	38	58%	58%
Photo gallery	28	43%	37%
Book list for students	35	54%	51%
Other	2	3%	3%

**21 As you think about your district's readiness and capacity for implementing a new digital learning initiative (e.g. a one-to-one program or online learning) which of these are the most important to ensure success? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Adequate funding for both initiative startup and ongoing support	57	89%	88%
Adequate Internet bandwidth capacity	53	83%	79%
Adequate technology infrastructure (computers, servers, network access)	54	84%	84%
Community involvement in the planning process	33	52%	34%
Digital content or curriculum that is aligned to state or local standards	48	75%	65%
Metrics for evaluating impact and success	36	56%	49%
Mobile devices for students to use	42	66%	57%
Parental support for the initiative	46	72%	63%



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Plans for replicating or scaling the initiative within the district	31	48%	40%
Policies that support digital learning	41	64%	64%
Professional development for administrators on how to support the initiative	45	70%	69%
Safeguards to protect privacy and confidentiality of digital student data	38	59%	54%
Strategic plan for implementation	41	64%	59%
Teachers' buy-in	51	80%	77%
Teachers' knowledge on how to integrate technology within instruction	53	83%	80%
Teachers' skills with using technology tools	50	78%	76%
Technology support plans	44	69%	65%

**22 Imagine you are designing a dream school for 21st century learners. Which of these tools or strategies do you think holds the greatest potential for increasing student achievement and success? (Check all that apply)**

Response	# of Responses	% of Responses	National %
Internet access anywhere at school	51	78%	81%
Ability for students to use their own mobile devices at school	25	38%	52%
Mobile device accessories (e.g. attachable keyboards, covers)	15	23%	22%
School provides every student with a mobile device	40	62%	54%
Databases, digital books, animations, and videos to help students with schoolwork	45	69%	67%
Digital games or virtual simulations	35	54%	48%
Software that changes the level of difficulty and content to address student needs	46	71%	70%
"Digital backpack" that helps organize schoolwork and provides access to important information (e.g. take notes, organize, and view assignments)	45	69%	67%
Mobile apps for learning	31	48%	55%
Interactive whiteboards (e.g. Smartboard, Polyvision)	23	35%	40%
Learning management systems (e.g. Blackboard)	41	63%	55%
A handheld device for students to use to answer questions in class (e.g. clickers)	13	20%	21%
3D printer	13	20%	23%
Digital reader (e.g. Kindle, Nook)	13	20%	19%
Digital media creation tools (e.g. video, audio)	33	51%	55%
School mobile app	19	29%	32%
Online or virtual classes	33	51%	48%
Online tests and assessments	42	65%	60%
Online textbooks	39	60%	65%
Online tutors	27	42%	43%
Social media tools for students to connect and work with others (e.g. blogs, wikis, social networking sites)	27	42%	43%
Text messaging	9	14%	13%
Google hangouts or other online group messaging in class	22	34%	35%
Other	0	0%	4%

**24 Gender**

Response	# of Responses	% of Responses	National %
Female	27	44%	56%
Male	35	56%	44%

**25 At the end of this school year, how many years of experience will you have as a technology leader?**



Response	# of Responses	% of Responses	National %
This is my first year	5	8%	6%
1 to 3	13	21%	15%
4 to 10	13	21%	24%
11 to 15	11	17%	19%
16+	21	33%	35%

**26 Race or Cultural Identity**

Response	# of Responses	% of Responses	National %
American Indian/Alaskan Native	0	0%	1%
Asian	2	3%	1%
Black/African-American	2	3%	4%
Caucasian/White (non-Hispanic)	52	83%	80%
Hispanic/Latino	4	6%	5%
Native Hawaiian/Other Pacific Islander	0	0%	0%
Decline to state	4	6%	9%
Other	0	0%	2%

**27 What is your highest level of educational attainment?**

Response	# of Responses	% of Responses	National %
Associate degree	10	17%	7%
Bachelor degree	17	28%	21%
Master's degree in education	12	20%	25%
Master's degree in educational technology	7	12%	23%
Master's degree in an area other than education	3	5%	8%
Doctorate degree (Ed.D., Ph.D.)	1	2%	3%
Other	10	17%	13%

**28 Are you a member of ISTE (the International Society for Technology in Education) or one of the ISTE affiliated organizations?**

Response	# of Responses	% of Responses	National %
Yes, I am a member of the international organization, ISTE	13	20%	35%
Yes, I am a member of an ISTE affiliated organization	11	17%	20%
No, not a member	44	69%	55%